

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	973	(381/98).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:20
L2	43	381/98-109.ccls. and harmonic same filter same amplifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:09
L4	1	("20010034252").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/12 15:42
L5	35	381/98-109.ccls. and harmonic and filter and amplifier and (phone ringer ring polyphonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:45
L6	594	harmonic same (phone ringer ring polyphonic) same filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:45
L7	0	harmonic same (polyphonic near2 ring\$2) same filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:46
L8	1	harmonic same (polyphonic near2 ring\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:46
L9	11	harmonic and (polyphonic near2 ring\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:02
L10	0	(polyphonic near2 ring\$2) same (bandwidth near2 expan\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:48
L11	43	(ring\$2 ringer) same phone same harmonic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:59

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L12	0	(ring\$2 ringer) same phone same harmonic same (bandwidth near2 expan\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:49
L13	3	"455"/\$.ccls. and harmonic same (bandwidth near3 expan\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 15:59
L14	3	"455"/\$.ccls. and (harmonic harmonics) same (bandwidth near3 expan\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:01
L15	198	"455"/\$.ccls. and (harmonic harmonics) same (speech ringer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:05
L16	3	"455"/\$.ccls. and (add\$3 near4 (harmonic harmonics)) same (speech ringer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:05
L17	52	381/61,98-109.ccls. and harmonic same filter same amplifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:49
L18	610	(381/61).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:49
L19	145	L18 and (ring ringer phone speech)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:50
L20	40	L18 and (ring ringer phone speech) and (harmonic harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 16:50
L21	11	harmonic and (polyphonic near2 ring\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:03

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L22	107029	((polyphonic near2 ring\$2) speech)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:03
L23	3	((polyphonic near2 ring\$2) same speech)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:20
L24	5	(polyphonic near2 ring\$2) same (harmonic harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:09
L25	7	(polyphonic near2 ringer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:22
L26	120	(polyphonic near2 sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:22
L27	4	(polyphonic near2 sound) same (harmonic harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:28
L28	14	(polyphonic near2 music) same (harmonic harmonics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:31
L29	226	(polyphonic near2 tone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:31
L30	16	(polyphonic near2 ring near2 tone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:51
L31	0	("EP-994464-\$.did.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:51

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L32	0	("EP-994464-\$.did.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/12 17:52
L33	0	("EP-994464-\$.did.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/12 17:52
L34	0	("EP-994464-\$.did.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/12 17:52
L35	0	("EP-1161076-\$.did.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/12 17:52
L36	0	("EP-161076-\$.did.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/12 18:18
L37	4	((("4700390") or ("5581652"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/12 18:18
S1	12	((("4739514") or ("5204909") or ("20030026441") or ("4123711") or ("6798197") or ("4947133") or ("4055818") or ("5255324") or ("5481617") or ("5509080") or ("6134330") or ("20010036285"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/11/12 15:19
S2	610	(381/61).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/08 17:55

## EAST Search History

S3	1	korner.in. and harmonic and splitter and audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/08 17:58
S4	5	((("20040022400") or ("6215879") or ("6023513") or ("3828133") or ("20010034252")).PN.	US-PGPUB; USPAT	OR	OFF	2006/11/12 15:42
S5	1	("5923766").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/08 18:02